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Forest Service NEWS



Pacific Northwest Region
USDA • Forest Service

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IMMEDIATE RELEASE

B.t. PROVES EFFECTIVE AGAINST BUDWORM

Modern formulations of the biological insecticide *Bacillus thuringiensis* (B.t.) prove effective in control of the western spruce budworm, according to Paul Buffam, Director of Forest Pest Management, USDA Forest Service, Pacific Northwest Region. Research and development in the Pacific Northwest has concentrated on identifying a suitable B.t. formulation that was both effective and cost efficient under the conditions faced by forest pest management specialists in the Northwest. "The apparent success of an evaluation project this summer on the Malheur National Forest leads us to believe that we have met our goal," Buffam said.

The evaluation project involved the application of several formulations of B.t., including a new formulation that was applied in concentrated form, using both airplanes and helicopters. The project was conducted on 40,000 acres of budworm-infested timber about 20 miles north of Burns, Ore. "All indications are that this formulation is both effective in controlling the insect and economical when compared to approved chemical insecticides," Buffam said. "We can now feel comfortable recommending this material for operational use in controlling budworm."

(more)

(B.t. proves effective-2-2-2)

The Malheur project followed a series of field tests using B.t. in 1984. Tests were needed because different formulations of B.t. have shown very different results in various parts of the country. "We had to find the right mix for the conditions we have to operate under in the mountainous terrain of Oregon and Washington," Buffam added. "Early indications are that we've done it."

A treatment proposal and environmental impact statement (EIS) for nearly 1.5 million acres of budworm-infested timber in Oregon and Washington has been underway since January. "The ability to now recommend B.t. as an effective control agent for that project may eliminate the need for the environmental statement," Buffam said. "Completion of the Draft EIS will be delayed until our analysis is completed in January 1986. The notice of intent to complete the EIS will be cancelled if the B.t. alternative is selected."

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CURRENT SERIAL RECORDS

REVENUES RETURNED TO OREGON, WASHINGTON COUNTIES

Thirty-one counties in Oregon and 27 counties in Washington received a total of \$153.7 million, 75% of estimated revenues from the sale and use of National Forest products and services in fiscal year 1985.

The estimated receipts for Oregon total \$92,468,890.05, and the Washington estimate totals \$21,260,223.15, according to Regional Forester Charles T. "Tom" Coston, USDA Forest Service. Last year's totals were \$86,543,842.41 and \$25,442,984.63. The counties receive approximately three-fourths of the 1985 estimates at the end of the fiscal year, Sept. 30, and the remainder will be disbursed December 1.

The money returned to the states, and in turn the counties, represents 25 percent of the money collected by the Forest Service from the sale of timber, and from grazing, recreation, minerals, and other land-use charges where National Forests are located. The money is to be used for public schools and roads.

Oregon leads the nation in its share of estimated receipts of 204,995,753.01 distributed to 41 states and Puerto Rico; Washington ranked third, with California second.

(more)

Following are the estimated amounts to be paid to each county (including interim payment (Oct. 1) for FY 1985.

OREGON:

Baker	\$ 892,976.92
Benton	279,522.14
Clackamas	3,608,223.36
Coos	445,862.86
Crook	2,194,240.57
Curry	3,165,277.87
Deschutes	5,463,271.42
Douglas	8,932,478.55
Grant	6,394,981.49
Harney	2,589,015.66
Hood River	1,504,275.07
Jackson	4,366,357.18
Jefferson	934,399.72
Josephine	1,765,621.52
Klamath	10,737,538.75
Lake	4,235,069.81
Lane	16,771,968.33
Lincoln	2,935,634.23
Linn	5,596,045.87
Malheur	6,502.45
Marion	2,108,352.01
Morrow	208,470.64
Multnomah	510,875.36
Polk	5,454.59
Tillamook	1,589,756.42
Umatilla	579,415.92
Union	715,735.34
Wallowa	1,318,629.19
Wasco	1,473,010.67
Wheeler	703,558.74
Yamhill	436,367.40
	<u>\$92,468,890.05</u>

WASHINGTON:

Asotin	\$ 78,258.31
Chelan	793,111.64
Clallam	1,313,107.29
Clark	7,797.64
Columbia	232,047.34
Cowlitz	140,113.36
Douglas	1.13
Ferry	422,004.69
Garfield	138,878.11
Grays Harbor	405,078.81
Jefferson	1,772,671.09
King	750,747.30
Kittitas	322,177.41
Klickitat	61,133.47
Lewis	2,663,837.04
Mason	416,617.55
Okanogan	691,500.00
Oend Oreille	542,573.41
Pierce	291,519.55
Skagit	891,601.80
Skamania	5,527,222.32
Snohomish	1,175,911.45
Stevens	204,043.64
Thurston	1,398.31
Walla Walla	3,539.35
Whatcom	1,439,298.41
Yakima	1,301,904.47
	<u>\$21,588,094.89</u>

PREVIOUS YEAR'S TOTALS (FY 1984)

Baker	\$ 770,525.00
Benton	266,220.79
Clackamas	4,008,636.28
Coos	343,358.64
Crook	2,349,519.24
Curry	2,049,793.64
Deschutes	5,101,836.32
Douglas	10,545,547.48
Grant	5,497,223.33
Harney	2,391,311.39
Hood River	1,670,282.33
Jackson	2,826,751.66
Jefferson	877,537.17
Josephine	1,140,276.74
Klamath	9,894,489.27
Lake	4,547,127.75
Lane	14,973,433.80
Lincoln	2,795,939.04
Linn	4,685,211.92
Malheur	5,516.88
Marion	1,898,308.61
Morrow	278,368.78
Multnomah	567,967.83
Polk	5,195.03
Tillamook	1,514,106.21
Umatilla	760,630.22
Union	696,666.97
Wallowa	1,259,958.51
Wasco	1,637,625.81
Wheeler	768,873.37
Yamhill	415,602.40
	<u>\$86,543,842.41</u>

Asotin	\$ 104,497.55
Chelan	1,337,183.14
Clallam	1,577,843.80
Clark	7,828.03
Columbia	309,850.52
Cowlitz	140,659.57
Douglas	1.91
Ferry	707,502.33
Garfield	185,442.57
Grays Harbor	486,747.04
Jefferson	2,130,060.59
King	1,068,133.04
Kittitas	510,537.97
Klickitat	61,371.79
Lewis	2,739,030.88
Mason	500,612.12
Okanogan	615,779.28
Pend Oreille	745,099.93
Pierce	414,762.27
Skagit	1,033,619.71
Skamania	5,548,769.49
Snohomish	1,463,418.23
Stevens	333,321.92
Thurston	1,983.87
Walla Walla	4,726.05
Whatcom	1,668,555.65
Yakima	1,745,645.38
	<u>\$25,442,984.63</u>

